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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/653,245
Filing Date	September 3, 2003
First Named Inventor	Kang Soo SEO et al.
Art Unit	2814
Examiner Name	Michael P. Choi

Attorney Docket Number 46500-000599/US

## ENCLOSURES (check all that apply)

 Fee Transmittal Form Drawing(s) After Allowance Communication to Technology Center (TC) Fee Attached Licensing-related Papers Appeal Communication to Board of Appeals and Interferences Amendment / Reply Petition Appeal Communication to TC (Notice of Appeal, Brief, Reply Brief) After Final Petition to Convert to a Provisional Application Proprietary Information Affidavits/declaration(s) Power of Attorney, Revocation Change of Correspondence Address Status Letter Extension of Time Request Terminal Disclaimer Other Enclosure(s) (please identify below): Express Abandonment Request Request for Refund

- Pre-Appeal Brief Request for Review

 Information Disclosure Statement CD, Number of CD(s) \_\_\_\_\_

- Reasons for Request for Pre-Appeal Brief Conference

## Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

## MAILSTOP: AF

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Harness, Dickey &amp; Pierce, P.L.C.

Signature

Printed name Ryan E. Alley

Date April 9, 2010

Reg. No.

60,977

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name		Express Mail Label No.	
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL

## for FY 2009 PR 09 2010

Effective 2/8/2006. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

670

## Complete if Known

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## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None  
Order
 Deposit Account:

Deposit Account Number

08-0750

Deposit Account Name

## The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee Description	
1011	330	2011 165 Utility filing fee	
1012	220	2012 110 Design filing fee	
1013	220	2013 110 Plant filing fee	
1014	330	2014 165 Reissue filing fee	
1005	220	2005 110 Provisional filing fee	

SUBTOTAL (1)

(\$0)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims		0	X	0
Independent Claims		0	X	0
Multiple Dependent				0

## Large Entity

## Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	52	2202	26	Claims in excess of 20
1201	220	2201	110	Independent claims in excess of 3
1203	390	2203	195	Multiple dependent claim, if not paid
1204	220	2204	110	** Reissue independent claims over original patent
1205	52	2205	26	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$0)

## 3. ADDITIONAL FEES

## Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	130	2251	65	Extension for reply within first month	130
1252	490	2252	245	Extension for reply within second month	
1253	1,110	2253	555	Extension for reply within third month	
1254	1,730	2254	865	Extension for reply within fourth month	
1255	2,350	2255	1,175	Extension for reply within fifth month	
1401	540	2401	270	Notice of Appeal	540
1402	540	2402	270	Filing a brief in support of an appeal	
1403	1,080	2403	540	Request for oral hearing	
1452	540	2452	270	Petition to revive - unavoidable	
1453	1,620	2453	810	Petition to revive - unintentional	
1462	400	1462	400	Petition fee under 37 CFR 1.17(f)	
1463	200	1463	200	Petition fee under 37 CFR 1.17(g)	
1464	130	1464	130	Petition fee under 37 CFR 1.17(h)	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	810	2809	405	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	810	2810	405	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	810	2801	405	Request for Continued Examination (RCE)	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$670)

## 4. SEARCH/EXAMINATION FEES

1111	540	2111	270	Utility Search Fee	
1112	100	2112	50	Design Search Fee	
1113	330	2113	165	Plant Search Fee	
1114	540	2114	270	Reissue Search Fee	
1311	220	2311	110	Utility Examination Fee	
1312	140	2312	70	Design Examination Fee	
1313	170	2313	85	Plant Examination Fee	
1314	650	2314	325	Reissue Examination Fee	

SUBTOTAL (4) (\$0)

\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Ryan E. Alley	Registration No. (Attorney/Agent)	60,977	Telephone	703-668-8000
Signature				Date	April 9, 2010

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